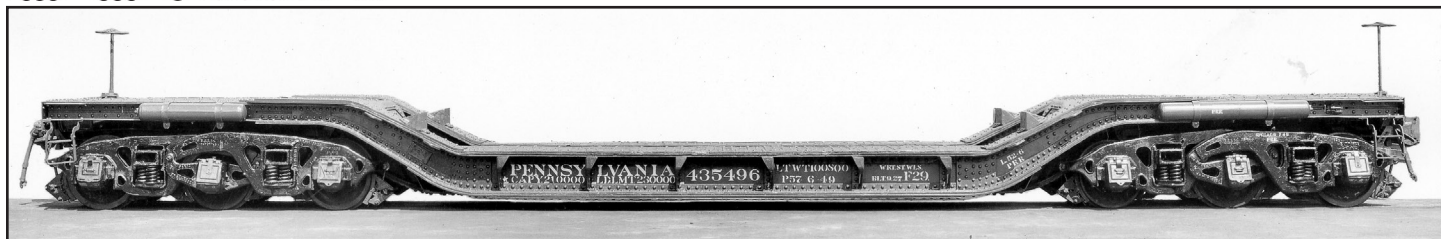




EP100 — PRR F29 Depressed Center Flat Car Details



both photos this page, Burket Collectibles

Please Read!

There are many ways to attach these parts. Some require drilling of holes and then securing with wire (0.010" works well) or similar methods, such as 3D printed or brass rivet heads (0.4mm) available from [Scale Hardware](#) (although they are sold out from time to time) or from ebay vendors (search "0.4mm rivet" in Toys and Hobbies; here is [a link](#) although it may expire depending upon seller stock.)

I generally affix etchings to models using a mix of adhesives. I start with a 50/50 mix of MEK and Barge cement (Walthers Goo works similarly) followed by small amounts of ACC to firm things up. The Barge cement is excellent for tacking things in place before final placement, too. MiG Ammo also makes an adhesive specifically for etched parts.

General etching clinic file may be found [via this link](#) and an accompanying youtube video can be found [at this link](#).

The parts are small and intended to replicate the prototype as faithfully as possible. They can easily be lost. It is highly recommended that you use a quality pair of tweezers and work on a clean surface where dropped items can easily be located. Other tools include Tekton mini flat nose pliers with [serrated](#) or [smooth](#) jaws (Tekton makes excellent pliers,) an Xacto or similar chisel blade, a needle file or two, and a quality drill bit for reaming holes (I use a dedicated [drill bit](#) specific to this task.)

It is important to remove the parts from the fret in a way that doesn't bend or damage the metal. The technique I use is to place the etchings on a cutting mat and firmly cover all but a *very* small amount of the etching to be removed and cut down directly using a chisel blade. The pressure between the mat and ruler provides stability to the etching. Trim as closely as possible. Burrs can be removed by holding the part in pliers like the aforementioned Tekton and filing the excess.

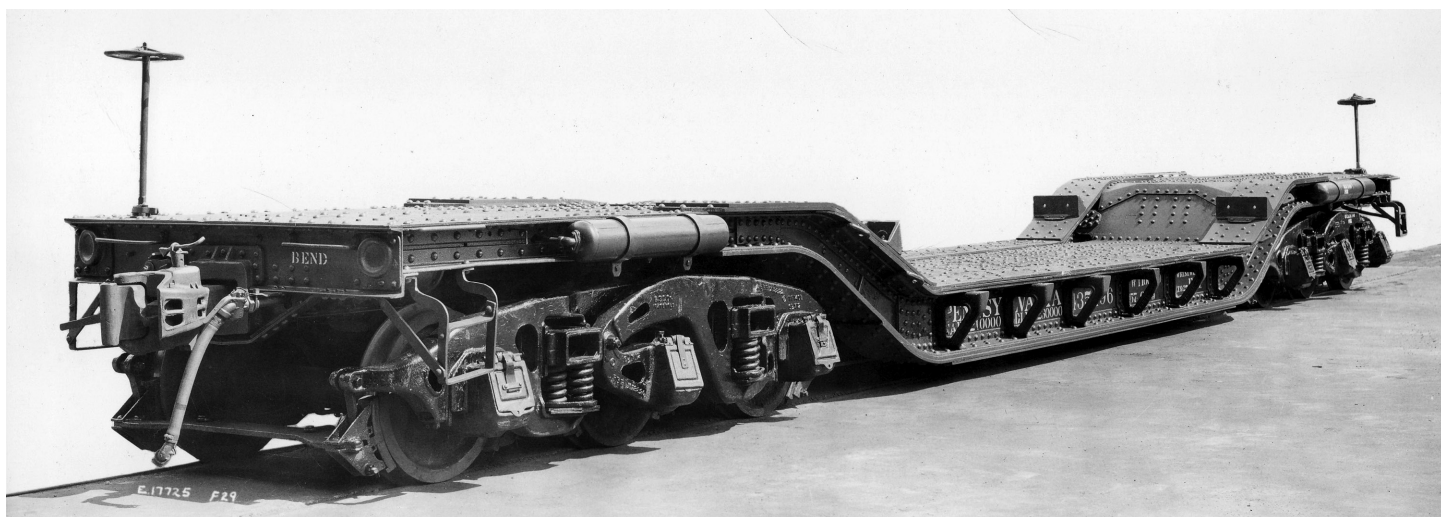
IMPORTANT!

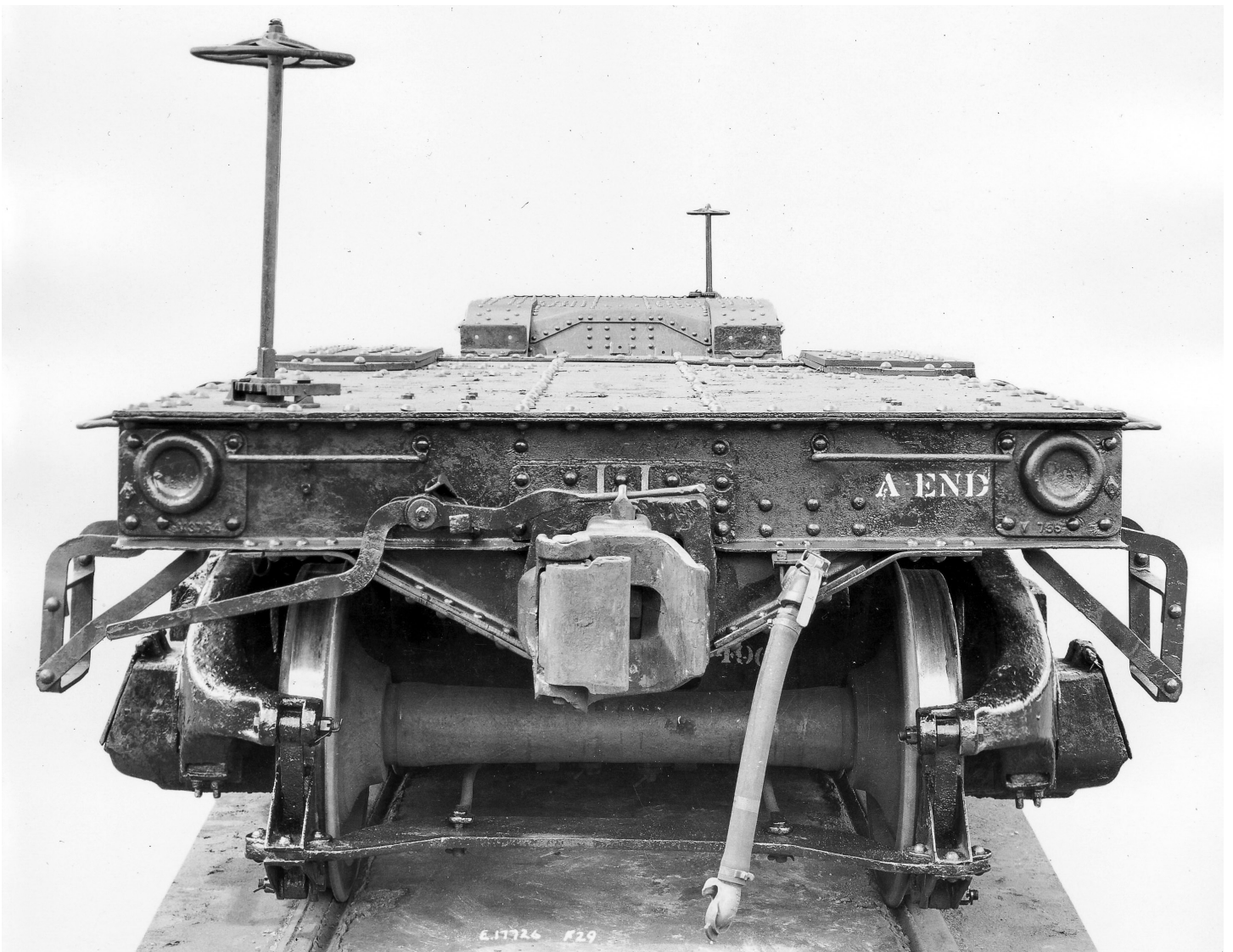
The parts are intended to be folded into the etched score lines, meaning that once folded along a score line, the score line "disappears" into the angle of the folded part. Folding the opposite way can significantly weaken or break the part.

You can find info about my build of this car (in progress) at my blog, <https://prototopics.blogspot.com/>, and use the search box at the upper left to enter the term, "F29" to locate the relevant posts.

NOTE: For parts no. 4, the load anchors, it is intended that holes be drilled into the side sill and the small tabs used to attach these parts to the fret, be used as extra means to secure them into the side sill. Do not trim these parts flush!

It is recommended that for best paint adhesion, these parts be lightly blasted with fine grit aluminum oxide or similar medium using a grit blaster and then rinsed prior to painting.





Burket Collectibles

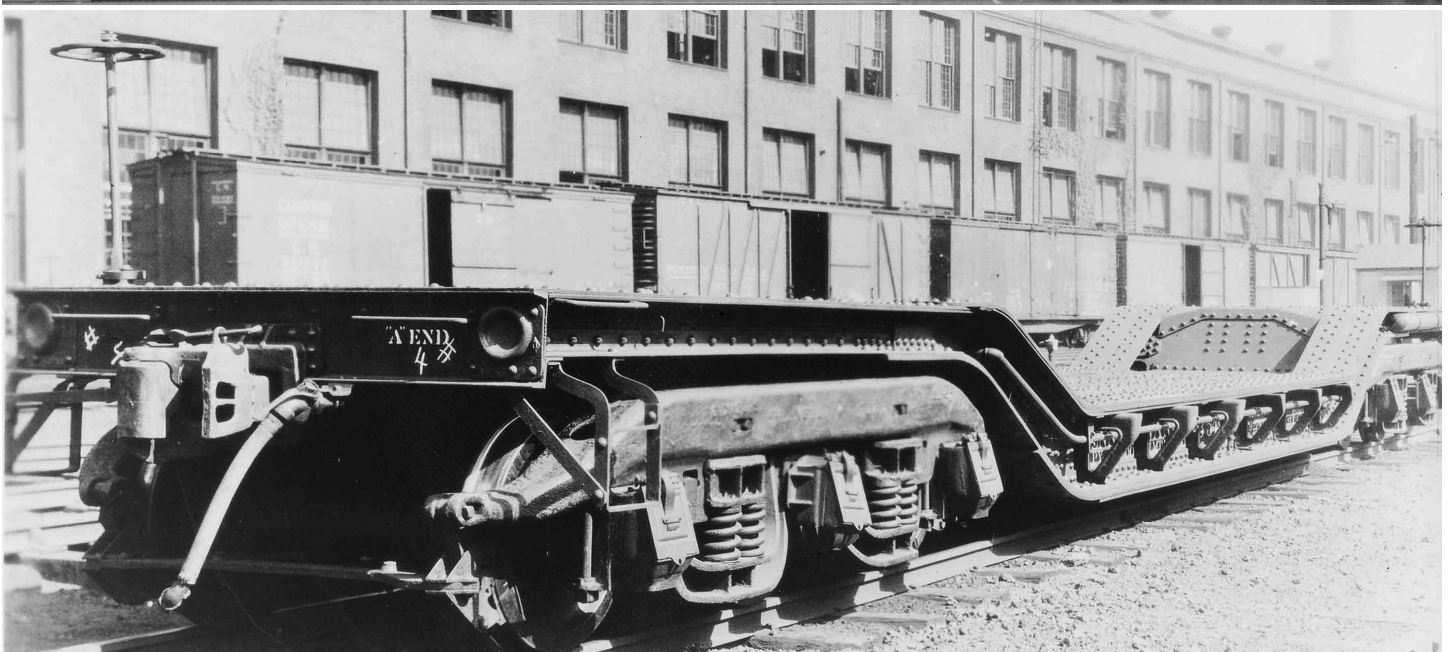




March 20, 1952, Brantford, Ontario



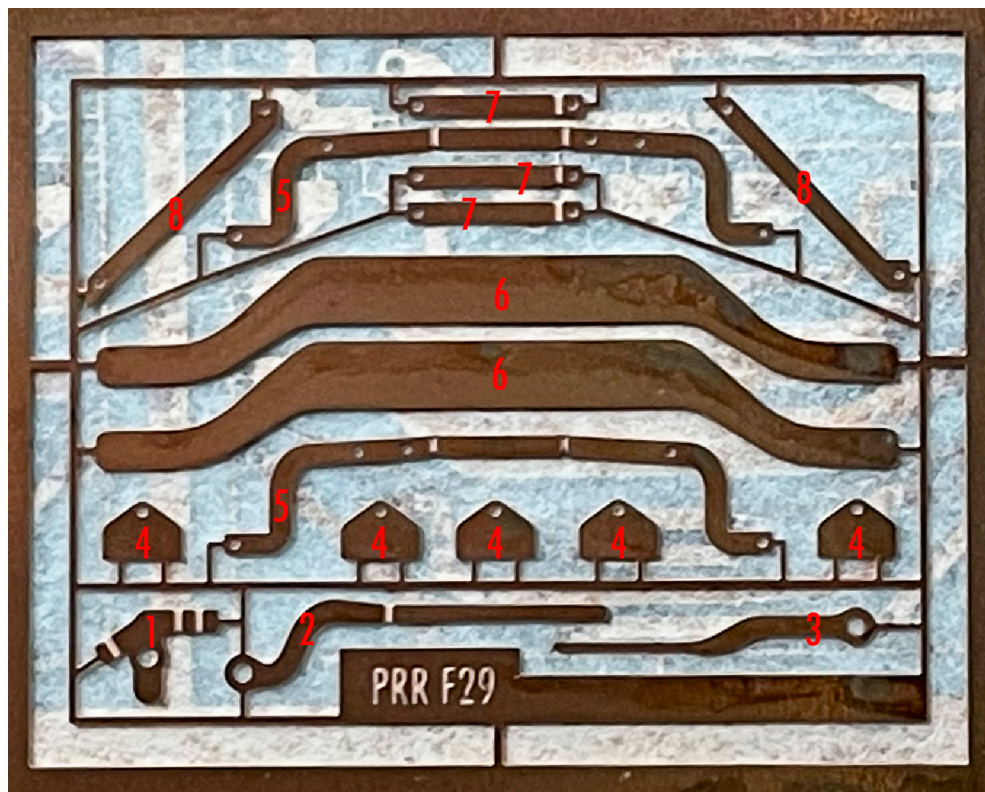
Bob's Photo



January 7, 1928, G. Haven Bishop, The Huntington Library Art Collections and Botanical Gardens Photo Archives



January 7, 1928, G. Haven Bishop, The Huntington Library Art Collections and Botanical Gardens Photo Archives



- 1 — Carmer uncoupling device bracket
- 2 — Carmer uncoupling device handle
- 3 — Carmer uncoupling device lever
- 4 — Load anchors
- 5 — Sill steps
- 6 — Brake beams
- 7 — Sill step, "intermediate" rung
- 8 — Sill step diagonal support